

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20050036444").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 16:12
S2	2	("20040109684").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/31 19:35
S3	2	("20050008362").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 15:42
S4	2	("20040228630").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/31 19:59
S5	26	(park with sung bum).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 10:28
S6	2	("6826368").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 09:02
S7	24	("5018130"   "5093743"   "5351146"   "5504609"   "5550818"   "5559624"   "5734486"   "5828472"   "5892604"   "5903559"   "5920705"   "5956334"   "6043915"   "6078586"   "6111673"   "6154463"   "6226296"   "6233245"   "6266339"   "6275494"   "6279035"   "6301223"   "6535313").PN. OR ("6826368"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/01 09:25
S8	20	S7 and multiplex\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/01 10:05

## EAST Search History

S9	2	("7031607").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 10:43
S10	281	(hwang with seong taek).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 10:28
S11	18	S10 and wdm and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 10:29
S12	26	(park with sung bum).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 10:29
S13	13	S11 not S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 12:17
S14	20	(("6307986") or ("6414765") or ("6313933") or ("1221779") or ("1248392")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 13:30
S15	1	bidirection\$3 and (center office or CO) and wdm and (add drop) and (single near2 line) and (failure or cut or system fail) and (control\$4 or monitor\$3) and switch and receiver and (high or low) priority	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 13:50
S17	26	(bidirection\$3 or bi direction\$3) and (center office or CO or hub) and wdm and (add drop or add/drop) and ((single or one) near2 (line or fiber)) and (failure or cut or system fail) and (control\$4 or monitor\$3) and switch and receiver and (high or low) priority	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 13:55
S18	24	S17 and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 13:40

## EAST Search History

S19	2	bidirection\$3 and (center office or CO) and wdm and (add drop) and (single near2 line) and (failure or cut or system fail) and (control\$4 or monitor\$3) and switch and receiver and (self heal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 13:53
S20	56	(bidirection\$3 or bi direction\$3) and (center (office or node) or CO or hub) and wdm and (add drop or add/drop) and ((single or one) near2 (line or fiber)) and (failure or cut or system fail) and (control\$4 or monitor\$3) and switch and receiver and (self heal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 14:15
S21	53	S20 and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 13:58
S22	53	S21 not "l19"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 13:58
S23	38	S21 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 13:58
S24	1	(bidirection\$3 or bi direction\$3) and (optical line terminal or olt) and wdm and (add drop or add/drop) and ((single or one) near2 (line or fiber)) and (failure or cut or system fail) and (control\$4 or monitor\$3) and switch and receiver and (self heal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 14:38
S25	5	ring type wdm pon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 15:13
S26	8	(("20050084262") or ("20030128984") or ("5333130") or ("5587957")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 15:29

## EAST Search History

S29	2	("7123830").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 16:19
S30	2	("20040131354").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 16:33
S31	0	single-fiber and bidirectional optical add/drop multiplexer and ring and failure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 16:35
S32	0	single-fiber and bidirectional optical add drop multiplexer and ring and failure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 16:35
S33	0	single-fiber and bidirectional optical add drop multiplexer and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 16:35
S34	2	("7092634").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 16:43
S35	2	("7123830").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 16:46
S36	2	("20040131354").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 17:01
S37	192	self-healing and ring network and (add/drop or add drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/06 17:56
S38	127	S37 and wdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 17:03

## EAST Search History

S39	61	S38 and bidirection\$3 and (failure or cut or system fail)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 17:04
S40	75	S37 and (wavelength division multiplex\$4 or WDM) and bidirection\$3 and (failure or cut or system fail)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 17:50
S41	8	(lee and chang hee).in. and ring and bidirectional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 17:46
S42	83	S37 and priority	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 17:50
S43	12	S37 and high priority and low priority	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/02 18:08
S44	8	("5159595"   "5521734"   "6023359"   "6195186"   "6198721"   "6222653"   "6400476").PN. OR ("6661972").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/02 17:59
S45	4	("5576875"   "5625478"   "6351582"   "6701085").PN. OR ("7092634").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/02 18:04
S46	2	("6735391").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 18:08
S47	4	("6025941"   "6195186"   "6414771").PN. OR ("6735391").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/02 18:25
S48	2	("6321004").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 18:25

## EAST Search History

S49	31	("5031188"   "5144637"   "5327275"   "5680235"   "5731887"   "5742416"   "5812306"   "5885017"   "5896474"   "5905585"   "5963312"   "5982517"   "5986783"   "6016219"   "6023452"   "6049523"   "6163527"   "6192173"   "6195186"   "6198721"   "6243177"   "6259837"   "6262820"   "6266168").PN. OR ("6321004").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/02 18:31
S50	2	("5930016").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 18:31
S51	40	("4781427"   "5396357"   "5487120"   "5712932"   "5724167"   "5739935").PN. OR ("5930016").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/02 18:38
S52	12	(anderson with jon).in. and ring	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/02 18:38
S53	6	("5576875"   "5598294"   "5854698"   "5872650"   "6356383").PN. OR ("6785472").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/02 18:50
S55	1	("20050031348").pn..and priority	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/06 14:33
S56	1	"200276191"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/06 14:34
S57	5	ring type wdm pon system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/06 14:38
S58	3	(choi with jun kook).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/06 17:54

## EAST Search History

S59	562	(398/9-59 or 385/16).ccls. and ring and (bidirection\$2 or bi direction\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/06 18:03
S60	85	S59 and self-healing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/06 17:57
S61	11	(398/9-59 or 385/16).ccls. and oberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/11/06 18:03